

$X = D \times 0.000873$,

Where:

X=the width of a line, in the unit of measurement D, representing 3 minutes of arc;
D=distance from center point of driver's eye location to the center of the mirror's surface; and

0.000873=tangent of 3 minutes of arc.

For 9 minutes of arc:

$X = D \times 0.002618$,

Where:

X=the width of a line, in the unit of measurement D, representing 9 minutes of arc;
D=distance from center point of driver's eye location to the center of the mirror's surface; and

0.002618=tangent of 9 minutes of arc.

(b) Photograph each cylinder through the mirror(s) that provides a view of the cylinder. Photograph each cylinder with the camera located so that the view through its film or image plane is located at any single location within the semicircle established under 13.4, [POINT A,B,C, OR D] ensuring that the image of the mirror and comparison chart fill the camera's view finder to the extent possible.

13.8 Make all observations and take all photographs with the service/entry door in the closed position and the stop signal arm(s) in the fully retracted position.

[41 FR 36025, Aug. 26, 1976, as amended at 41 FR 56813, Dec. 30, 1976; 47 FR 38700, Sept. 2, 1982; 48 FR 38844, Aug. 26, 1983; 48 FR 40262, Sept. 6, 1983; 56 FR 58516, Nov. 20, 1991; 57 FR 57015, Dec. 2, 1992; 58 FR 60402, Nov. 16, 1993; 60 FR 15692, Mar. 27, 1995; 63 FR 28929-28931, May 27, 1998; 63 FR 51000, Sept. 24, 1998; 69 FR 18497, Apr. 8, 2004]

§571.112 [Reserved]

§571.113 Standard No. 113; Hood latch system.

S1. *Purpose and scope.* This standard establishes the requirement for providing a hood latch system or hood latch systems.

S2. *Application.* This standard applies to passenger cars, multipurpose passenger vehicles, trucks, and buses.

S3. *Definitions.* *Hood* means any exterior movable body panel forward of the windshield that is used to cover an engine, luggage, storage, or battery compartment.

S4. *Requirements.*

S4.1 Each hood must be provided with a hood latch system.

S4.2 A front opening hood which, in any open position, partially or completely obstructs a driver's forward view through the windshield must be provided with a second latch position on the hood latch system or with a second hood latch system.

§571.114 Standard No. 114; Theft protection and rollaway prevention.

S1. *Scope.* This standard specifies vehicle performance requirements intended to reduce the incidence of crashes resulting from theft and accidental rollaway of motor vehicles.

S2. *Purpose.* The purpose of this standard is to decrease the likelihood that a vehicle is stolen, or accidentally set in motion.

S3. *Application.* This standard applies to all passenger cars, and to trucks and multipurpose passenger vehicles with a GVWR of 4,536 kilograms (10,000 pounds) or less. However, it does not apply to walk-in van-type vehicles. Additionally, paragraph S5.3 of this standard applies to all motor vehicles, except trailers and motorcycles, with a GVWR of 4,536 kilograms (10,000 pounds) or less.

S4. *Definitions.*

Combination means a variation of the key that permits the starting system of a particular vehicle to be operated.

Key means a physical device or an electronic code which, when inserted into the starting system (by physical or electronic means), enables the vehicle operator to activate the engine or motor.

Open-body type vehicle means a vehicle having no occupant compartment doors or vehicle having readily detachable occupant compartment doors.

Starting system means the vehicle system used in conjunction with the key to activate the engine or motor.

Vehicle type, as used in S5.1.2, refers to passenger car, truck, or multipurpose passenger vehicle, as those terms are defined in 49 CFR 571.3.

S5. *Requirements.* Each vehicle subject to this standard must meet the requirements of S5.1, S5.2, and S5.3. Open-body type vehicles are not required to comply with S5.1.3.

S5.1 *Theft protection.*